

CORRES. CONTROL  
OUTGOING LTR NO.

DOE ORDER #

01-RF-02827

DIST. ENC

BRAILSFORD, M.D.

FERRI, M.S.

MARTINEZ, L. A.

PARKER, A.M.

POWERS, K.

SCOTT, G.K.

SHELTON, D.C.

SPEARS, M.S.

TRICE, K.D.

TUOR, N. R.

BUTLER, J. L.

CHRITTON, M.R.

DIETERLE, S. E.

FERRERA, D. W.

GIANTI, S. J.

GIBBS, F.E.

RICHARDELLA, R.

STEWART, G. W.

CORRES. CONTROL X X

ADMIN RECD/080

TRAFFIC

PATS/130 X X

CLASSIFICATION:

UCNI

UNCLASSIFIED X X

CONFIDENTIAL

SECRET

AUTHORIZED CLASSIFIER DLF:jlh

SIGNATURE:

CJ FREEMAN

Date: 12/14/01

IN REPLY TO RFP CC NO.

ACTION ITEM STATUS:

☐ PARTIAL/OPEN

☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:

DLF:jlh



KAISER•HILL  
COMPANY

DEC 14 2001

01-RF- 02827

Steve Tower  
D&D Program Lead  
DOE, RFFO

RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITIES NOTIFICATION LETTER FOR BUILDINGS 883 AND 879 COMPONENT  
REMOVAL, SIZE REDUCTION, AND DECONTAMINATION – FEG-010-01

Attached is a draft transmittal letter to the Colorado Department of Public Health and  
Environment for the RSOP notification for Buildings 883 and 879 component removal, size  
reduction and decontamination. The draft transmittal letter has been prepared from DOE  
building point of contact to CDPHE building point of contact; however, it could also be  
addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Dyan Foss X7577 with questions or concerns.

*Frank E. Gibbs*

Frank E. Gibbs  
Manager, Industrial Facility Disposition  
Remediation, Industrial D&D, and Site Services  
Kaiser-Hill Company, LLC

Attachment:  
As Stated



Kaiser-Hill Company, L.L.C.

Courier Address: Rocky Flats Environmental Technology Site, State Hwy. 93 and Cactus, Rocky Flats, CO 80007 • 303.966.7000

Mailing Address: P.O. Box 464, Golden, Colorado 80402-0464

ADMIN RECORD

B883-A-000016

Attachment  
Steve Tower  
FEG-010-01  
Page 1 of 9

David Kruchek  
Colorado Department of Health and Environment  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530

**DRAFT**

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITIES NOTIFICATION LETTER FOR BUILDINGS 883 AND 879 COMPONENT  
REMOVAL, SIZE REDUCTION, AND DECONTAMINATION**

Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to bring Buildings 883 and 879 to the unrestricted release criteria, with the exception of RCRA unit closure. This will involve component removal, size reduction and decontamination activities using the methods specified in the RSOP. A decommissioning strategy for Building 883 was included in the RISS PMP, and this strategy included 879. The decommissioning will be executed by existing Site personnel and subcontracted support. Once the technical approach is received from a selected subcontractor, it will be compared to this strategy; a scoping meeting will be held with CDPHE to discuss the differences between the original strategy and the subcontractor's strategy.

RCRA Units associated with these facilities will be closed in accordance with the RSOP, but the notification requirements will be addressed under a separate notification. Once the pre-demolition survey is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

This work will be conducted by a decommissioning subcontractor. The requirements, methods, controls, and processes outlined in the RSOPs have been included into the scope of work for the subcontract. If the subcontractor would like to use a method or process not included in the RSOPs then the subcontractor is required to notify Kaiser-Hill. If the subcontractor proposes to use alternate methods, an additional notification will be made and, in consultation with DOE/LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by the subcontractor. The exact methods and process selected by the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the monthly RISS production meetings. The facility will not be breached during the activity.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Steve Tower  
U.S. Department of Energy

2

## RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

<b>Project scope:</b> Buildings 883 and 879 component removal, size reduction, and decontamination			
<b>Facility description:</b> Building 883, Uranium Rolling and Forming Facility Building 879, Filter Plenum B883 Zone 1			
<b>Description of planned activity(ies):</b> The decontamination, size reduction, and component removal required bringing Buildings 883 and 879 to the unrestricted release criteria.			
<b>Facility/rooms/sets/areas involved:</b> Building 883, Sets 1 and 2 and Area AA-AK Building 879, Area AL			
<b>Is RCRA unit closure(s) part of the planned activity?</b>			Yes
<b>If RCRA units are included, attach unit specific information sheets and drawings</b>			No*
<small>*RCRA Unit closure information will be addressed under a separate notification letter</small>			
<b>Attach checklists from Appendix A of the RSOP.</b> <i>Complete checklists by room/set/area/facility, as appropriate</i>		✓	<b>Component Removal/Size Reduction</b>
		✓	<b>Decontamination</b>
<b>RLCR Status</b>	<b>RLCR complete and concurrence received:</b>		
	✓	<b>RLCR initiated but incomplete; concurrence anticipated:</b> Submitted to CDPHE 11/27/01	
	<b>RLC has not been initiated<sup>1</sup> and is scheduled for initiation on:</b>		
<b>If RLCR is not complete or initiated, what data will be used to plan the work activities?</b>			
<b>Activity requires modification to the ARARs listed in the RSOP.</b>			Yes, <i>attach to letter</i>
			✓ No
<b>Attach Administrative Record file requirements for the activity.</b>			
<b>Point of contact for each facility/activity:</b> Kent Dorr, 303-966-6034			
<b>Duration of work activities:</b> 12 months		<b>Anticipated work start:</b> January 1, 2002	
<b>Attach schedule for each facility or activity for information purposes.</b>			
<b>Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls</b>			Yes, <i>LRA consultation and concurrence required</i>
			✓ No

<sup>1</sup> Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

3

# RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Are there deviations/exceptions to the RSOP for the proposed activity(ies)?										<input type="checkbox"/>	Yes
										<input checked="" type="checkbox"/>	No
Provide an explanation of deviation/exception to the RSOP: Not applicable											
C. Check the appropriate resulting action box below											
Additional RFCA decision document required (PAM – IM/IRA)											
Major modification to RSOP						Field change to RSOP					
Minor modification to RSOP						LRA consultation					
Activity(ies) will result in the following waste types										<input type="checkbox"/>	Process waste
										<input checked="" type="checkbox"/>	Remediation waste
TRU	<input checked="" type="checkbox"/>	LLW		LLMW		Haz.	<input checked="" type="checkbox"/>	Sanitary	<input checked="" type="checkbox"/>	Other: recyclable/re-use	
LRA Notification Review Time				<input checked="" type="checkbox"/>	14 days, no RCRA unit closure involved						
					30 days, RCRA unit closure involved						

# RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

## FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: 883

Closure Project Manager: Kent Dorr

### COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	✓
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	
Ceilings	✓
Roofs	
Other structural members	
Other*	

Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	✓
Hoists and cranes	✓
Plasma arc cutter	✓
Diamond wire saw	
Wachs cutter	
Laser cutter	
Oxy-torch cutter	
Hydraulic shears	✓
Shear baler	✓
Water cutter using abrasives	✓
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

# RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

## FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

### DECONTAMINATION

Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	✓
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	
Other structural members	
Other*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	✓
Scabbling	✓
Paving breaker/chipping hammer	✓
Spalling	✓
Abrasive/grit blasting	✓
CO <sub>2</sub> blasting	
Hydrolasing	✓
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

**Note:** In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:



Date:

12/3/01

6

# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

**Building:** 879

**Closure Project Manager:** Kent Dorr

## COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	
Floors	
Ceilings	
Roofs	
Other structural members	
Other*	

Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	✓
Hoists and cranes	✓
Plasma arc cutter	✓
Diamond wire saw	
Wachs cutter	✓
Laser cutter	
Oxy-torch cutter	✓
Hydraulic shears	✓
Shear baler	✓
Water cutter using abrasives	✓
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

7

# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

## DECONTAMINATION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	
Other structural members	
Other*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	✓
Scabbling	✓
Paving breaker/chipping hammer	✓
Spalling	✓
Abrasive/grit blasting	✓
CO <sub>2</sub> blasting	
Hydrolasing	✓
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

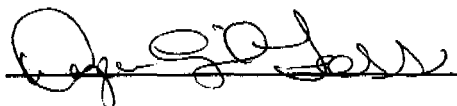
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Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:



Date:

12/3/01

8



### **Administrative Record Requirements for this Activity**

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Reconnaissance Level Characterization Report 883 Cluster Closure Project
- Building 883 Closure Project Scoping Meeting Minutes/Disposition
- Notification Letter and subsequent CDPHE correspondence, if appropriate

# 1 Rocky Flats Closure Project

## 1.E Industrial and Site Services Project

1.E.D.03.01 B-883 Decommissioning  
1.EED3012 B883 Decommissioning Characterization

1.EED3012A	DOE Review 883 Characterization Report	94	1	99	23APR01A	26NOV01	153
1.EED3012B	(GFS&I Code) DOE Submit 883 RLCR to LRA	20	1	0	22OCT01A	26NOV01	170
1.EED3012D	Submit RSOP Notification to DOE	0	0	0		26NOV01	179
1.EED3012C	883 RLCR LRA Concurrence	6	6	0	26NOV01	03DEC01	170
1.EED3012E	(GFS&I Code) DOE Submit RSOP Notification to LRA	14	14	0	27NOV01	10DEC01	255
1.EED3012F	LRA RSOP Notification Review Period	0	0	0		03DEC01	170
1.EED3011	B883 Decommissioning Planning & Engineering	14	14	0	04DEC01	21DEC01	170
1.EED3013	B883 Decommissioning Dismantlement	170	170	0	24JUN02	21MAR03	-21
1.EED3014	B883 Decommissioning Decontamination	67	67	0	26SEP02	14JAN03	-21
1.EED3015	B883 Decommissioning Final Surveys	67	67	0	14OCT02	29JAN03	-11
1.EED3015A	DOE Review 883 PDSR and Finalize IW	19	19	0	06JAN03	03FEB03	-21
1.EED3015B	(GFS&I Code) DOE Submit PDSR/IW to LRA	20	20	0	04FEB03	03MAR03	-24
1.EED3015C	883 PDSR /IW LRA Approval	0	0	0		03MAR03	-34
1.EED3015D	Submit RSOP Notification to DOE	20	20	0	04MAR03	31MAR03	-24
1.EED3015E	(GFS&I Code) DOE Submit RSOP Notification to LRA	6	6	0	10MAR03	17MAR03	-24
1.EED3015F	LRA RSOP Notification Review Period	0	0	0		17MAR03	-34
1.EED3016	B883 Decommissioning Demolition & Disposal	14	14	0	18MAR03	31MAR03	-34
1.EED3017	B883 Demolition Complete	60	60	0	01APR03	02JUL03	-21
1.EED3015G	Submit Closeout Report to DOE	0	0	0		02JUL03	-21
1.EED3015H	(GFS&I Code) DOE Submit Closeout Report to LRA	20	20	0	04JUL03	31JUL03	13
1.EED3015J	LRA Closeout Report Review Period	0	0	0		31JUL03	19
		14	14	0	01AUG03	14AUG03	19

Start Date  
Finish Date  
Data Date  
Run Date

01FEB99  
15DEC05  
26NOV01  
03DEC01 13:02

CPBA - RISS

Sheet 1 of 1

KAISER-HILL COMPANY

Facility Group 25 (883)  
Demolition Schedule



1070